

PATENT

Attorney Docket No.: 7620-X05-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kenji OKAMURA, Masahiro YAMAUCHI, Shigeru MATSUO and
Shigeya SAKAGUCHI

Serial No: 10/549,835

**NATIONAL STAGE APPLICATION OF INTERNATIONAL
APPLICATION NO. PCT/JP2003/003288, FILED MARCH 18, 2003**

Filed: September 16, 2005

Title: SHIELD MATERIAL

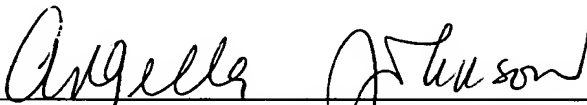
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PATENTS

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Date of Deposit May 8, 2006.

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(Signature of person mailing paper or fee)

ANGELLA JOHNSON

(Typed or printed name of person mailing paper or fee)

PATENT

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Title: SHIELD MATERIAL

Attention: Mr. Winston M. Alvarado

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371**

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements, enclosed are papers submitted on September 19, 2005 submitting the executed Declaration and Power of Attorney. The papers identified the International PCT Number. Also enclosed is a Return Receipt Postcard with a date stamp of 19 Sep 2005. We are enclosing a copy of the executed Declaration.

No fee is believed to be due with this submission. However, please charge any required fee (or credit any overpayments of fees) to the Deposit Account of the undersigned, Account No. 500601 (Docket no.7620-X05-004).

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul D. Bianco", with a long horizontal line extending to the right.

Paul D. Bianco, Reg. # 43,500

Enclosures

Paul D. Bianco
FLEIT KAIN GIBBONS GUTMAN BONGINI & BIANCO, P.L.
21355 East Dixie Highway, Suite 115
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Tel: 305-830-2600; Fax: 305-830-2605
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COPY

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/549,835	Kenji Okamura	7620-X05-004

33771
 PAUL D. BIANCO: FLEIT, KAIN, GIBBONS,
 GUTMAN, BONGINI, & BIANCO P.L.
 21355 EAST DIXIE HIGHWAY
 SUITE 115
 MIAMI, FL 33180

INTERNATIONAL APPLICATION NO.	
PCT/JP03/03288	
I.A. FILING DATE	PRIORITY DATE
03/18/2003	

CONFIRMATION NO. 1161

371 FORMALITIES LETTER



OC000000018641966

Date Mailed: 04/28/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/16/2005
- English Translation of the IA filed on 09/16/2005
- Copy of the International Search Report filed on 09/16/2005
- Information Disclosure Statements filed on 09/16/2005
- Request for Immediate Examination filed on 09/16/2005
- U.S. Basic National Fees filed on 09/16/2005
- Specification filed on 09/16/2005
- Claims filed on 09/16/2005
- Abstracts filed on 09/16/2005
- Drawings filed on 09/16/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/549,835	PCT/JP03/03288	7620-X05-004

COPY

PATENT

Attorney Docket: 7620-X05-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US NATIONAL STAGE APPLICATION OF:
INTERNATIONAL APPLICATION NO. PCT/JP2003/003288

Applicants: Kenji OKAMURA, Masahiro YAMAUCHI, Shigeru MATSUO and Shigeya
SAKAGUCHI

US Patent Application No.: TO BE ASSIGNED

Filed: September 16, 2005

Title: SHIELD MATERIAL

The following have been received in the United States Patent & Trademark Office on the date stamped hereon: Transmittal Letter to the US, Executed Declaration and Power of Attorney and certificate of express mailing.

PAUL D. BIANCO
FLEIT KAIN GIBBONS GUTMAN BONGINI & BIANCO P. L.
21355 East Dixie Highway, Suite 115
Miami, Florida 33180

1006 Rec'd PCT/PTO 19 SEP 2005

PATENT

Attorney Docket No.: 7620-X05-004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

US NATIONAL STAGE APPLICATION OF:
INTERNATIONAL APPLICATION NO. PCT/JP2003/003288

Applicants: Kenji OKAMURA, Masahiro YAMAUCHI, Shigeru MATSUO and
Shigeya SAKAGUCHI

Serial No: To be Assigned

Filed: September 16, 2005

Title: SHIELD MATERIAL

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Date of Deposit September 19, 2005.

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(Signature of person mailing paper or fee)

EV678253499US

ESTEFANIA BELAUNDE

(Typed or printed name of person mailing paper or fee)

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

7620-X05-004

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/JP2003/003288INTERNATIONAL FILING DATE
MARCH 18, 2003PRIORITY DATE CLAIMED
MARCH 18, 2003TITLE OF INVENTION
SHIELD MATERIAL

APPLICANT(S) FOR DO/EO/US

Kenji OKAMURA, Masahiro YAMAUCHI, Shigeru MATSUO and Shigeya SAKAGUCHI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

COPY

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2003/003288		ATTORNEY'S DOCKET NUMBER 7620-X05-004	
20. Other items or information: -EXPRESS MAIL CERTIFICATION -RETURN POSTCARD					
COPY					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	
All other situations..... \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100				\$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400				\$	
All other situations..... \$500				\$	
TOTAL OF 21, 22 and 23 =				\$	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$	
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	12 - 20 =	0	x \$ 50	\$	
Independent claims	2 - 3 =	0	x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(j)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				Amount to be charged	\$

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 500601. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER # 33771

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FAX NO.: (305) 830-2605



SIGNATURE

PAUL D. BIANCO

NAME

43,500

REGISTRATION NUMBER

COPY